

# LYNNWOOD HIGH SCHOOL

Lynnwood, Washington

School opens September 2009

Energy Use Intensity (EUI): 75.8 kBtu/sf/yr  
Percent CO<sub>2</sub> reduction: 44%  
ENERGY STAR design rating: 91  
Energy savings: 12,962,809.5 kBtu  
CO<sub>2</sub> savings: 65.7 tons CO<sub>2</sub>  
Space type: K-12 Schools  
Total Square Footage: 216,000 SF  
Energy Cost/SF: \$0.42 per square foot

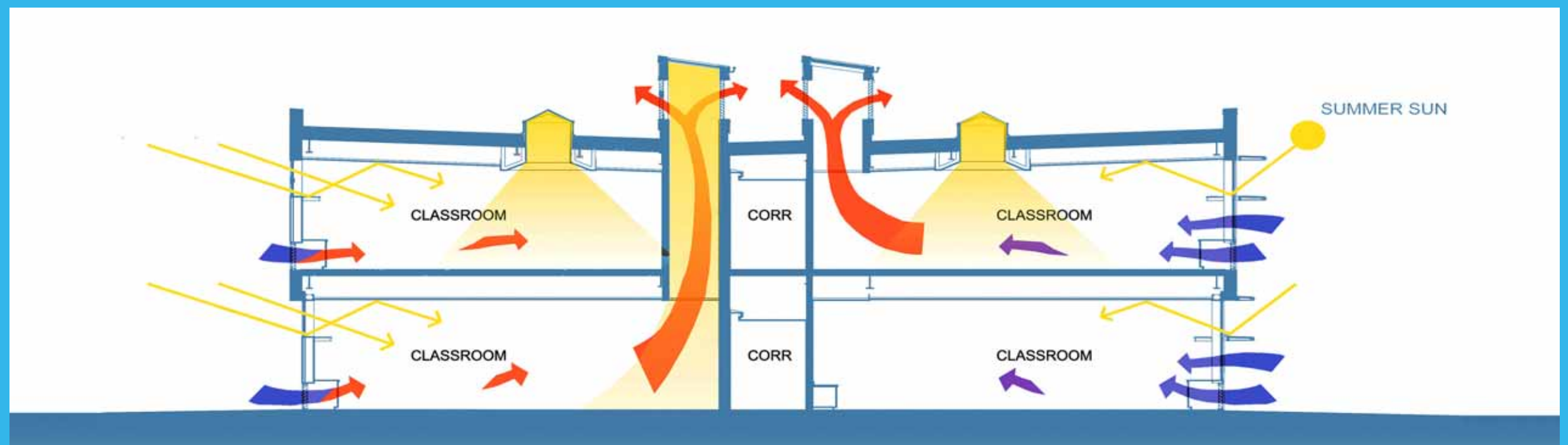
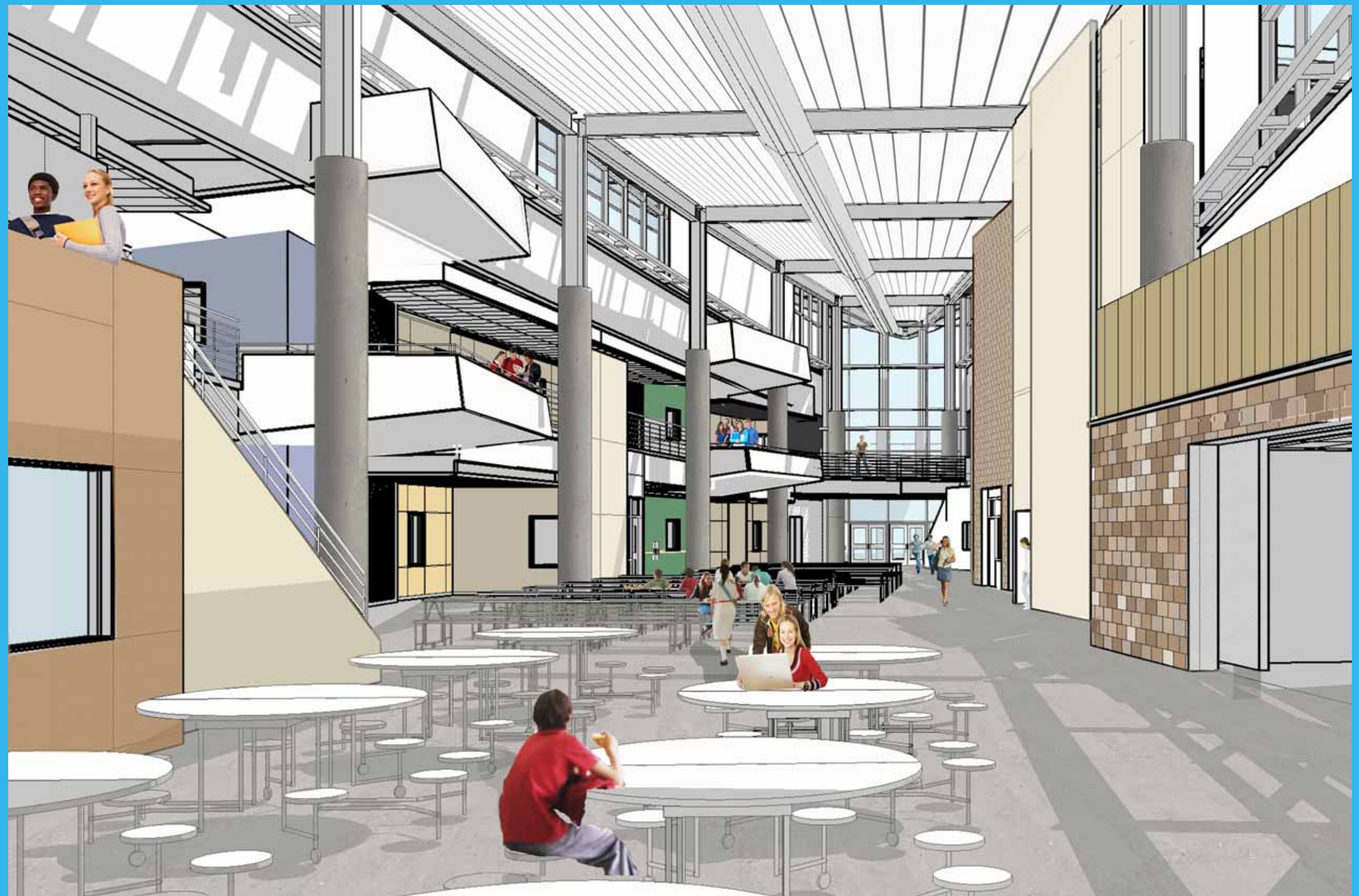
Through a tightly integrated design process, the Edmonds School District and Bassetti Architects design team focused on energy performance to save money and to be environmentally responsible. The building is designed to perform 50% more efficiently than the current code requires, and the Washington Energy Code is one of the most restrictive codes in the nation. By providing a building design that is user friendly, flexible, adaptable and uplifting in conjunction with being energy efficient, the Edmonds School district will have a facility that provides maximum longevity.

## DESIGN CHARACTERISTICS

Convection ventilation  
High-efficiency boilers with fin tube heating  
Heat and CO<sub>2</sub> sensor controlled dampers  
Daylighting with light dimming sensors  
High efficiency lighting  
Super envelope insulated  
Materials with recycled content  
Contractor on-site recycling program  
Site orientation for maximum daylight control

*"Lynnwood High School's low energy use will benefit education because the money to pay utility bills comes from the same operating budget as do teacher salaries and classroom materials."*

Ed Peters, Capital Projects Director  
Edmonds School District



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[www.bassettiarch.com](http://www.bassettiarch.com)



DESIGNED  
TO EARN THE  
ENERGY STAR

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.